

Title (en)  
TYRE

Title (de)  
REIFEN

Title (fr)  
PNEUMATIQUE

Publication  
**EP 3695986 A1 20200819 (EN)**

Application  
**EP 20153490 A 20200124**

Priority  
• JP 2019023714 A 20190213  
• JP 2019023717 A 20190213  
• JP 2019023719 A 20190213  
• JP 2019066630 A 20190329

Abstract (en)  
A tyre includes a tread portion including first and second land portions. The first middle land portion is provided with first middle lateral grooves traversing the first middle land portion completely. The second middle land portion is provided with second middle lateral grooves traversing the second middle land portion completely. One of the first middle lateral grooves includes a raised portion in which a groove bottom thereof is raised, the raised portion traversing an axial center location of the first middle land portion. One of the second middle lateral grooves includes a raised portion in which a groove bottom thereof is raised, the raised portion traversing an axial center location of the second middle land portion. An axial length of the raised portion of the first middle lateral groove is greater than an axial length of the raised portion of the second middle lateral groove.

IPC 8 full level  
**B60C 11/03** (2006.01); **B60C 11/12** (2006.01)

CPC (source: CN EP US)  
**B60C 11/03** (2013.01 - CN); **B60C 11/0302** (2013.01 - EP); **B60C 11/0304** (2013.01 - EP US); **B60C 11/0306** (2013.01 - EP); **B60C 11/12** (2013.01 - CN); **B60C 11/1236** (2013.01 - US); **B60C 11/13** (2013.01 - US); **B60C 11/1236** (2013.01 - EP); **B60C 2011/0337** (2013.01 - CN); **B60C 2011/0355** (2013.01 - US); **B60C 2011/0369** (2013.01 - EP US); **B60C 2011/0372** (2013.01 - EP)

Citation (applicant)  
JP 2015140047 A 20150803 - SUMITOMO RUBBER IND

Citation (search report)  
• [A] US 2018178589 A1 20180628 - HORIGUCHI TOSHIKI [JP], et al  
• [A] EP 2514608 A2 20121024 - SUMITOMO RUBBER IND [JP]  
• [A] JP 2010126046 A 20100610 - YOKOHAMA RUBBER CO LTD

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 3695986 A1 20200819**; **EP 3695986 B1 20210428**; CN 111559205 A 20200821; CN 111559205 B 20230217; US 2020254821 A1 20200813

DOCDB simple family (application)  
**EP 20153490 A 20200124**; CN 202010069776 A 20200121; US 202016750634 A 20200123